1 MicroVent Service Strategy

Location	Testing	Repair	Requirements
On-site inspection	Test Certificate Service Mode	Sensor replacement Hoses Fuse Battery	• Inspection training
On-site repair	Test Certificate Service Mode	Replacement of assemblies and calibration	• Repair training* • Special repair environment**
Service center	Test Certificate Service Mode	Replacement of assemblies and calibration	• Repair training* • Special repair environment**
Lübeck Repair workshop	Test Certificate Service Mode Design documentation	Replacement of assemblies and calibration	• Repair training* • Special repair environment**

*: Due to the sensitive pneumatics and the high component density of MicroVent, the person performing repairs on MicroVent units must have successfully completed a repair training and gained sufficient experience in the repair of MicroVent units in order to be able to provide service of sufficient quality.

**: If MicroVent needs to be opened for repair, the repair environment must fulfill the following requirements.

The repair environment must comply with national regulations as to heating, ambient temperature, lighting, and available space. The German workplace regulation as amended shall be taken as a basis. This regulation includes, but is not limited to, the following requirements:

- Ventilation: approx. 30 m^3/h per person
- Ambient temperature: from 19°C to max. 26°C
- Artificial lighting: 500 to 1000 lux for precision assembly and testing
- Minimum floor area: 8m^2; minimum room height: 2.50 m
- Physical separation of workshop from other rooms
- Minimum dust pollution (regular cleaning required)

Regulations and standards regarding the handling of electrostatic sensitive components and assemblies shall also be observed. For details, see Service Bulletin (Inspektionsdienstmitteilung) no. 6, section 5000.9 "Electronics, general", subsection "Handling of p.c. boards".

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